DAFTAR PUSTAKA

Bodson, M. (2002). "*Evaluation Of Optimization Methods For Control Allocation*". Journal of Guidance, Control, and Dynamics, 25(4), 703–711

Chen G., Zhang W., & Zhang X. (2012). *"Speed Tracking Control of a Vehicle Robot Driver System Using Multiple Sliding Surface Control Schemes".* School of Mechanical Engineering, Nanjing University of Science and Technology, Nanjing, China.

Durham, W. C. (1993). "*Constrained control allocation*". Journal of Guidance, Control, and Dynamics, 16 (4), 717–725.

Chicurel, E. (1999). "*A 180˚ Steering Interval Mechanism*". Instituto de Ingenieria, UNAM, Ciudad Universitaria, Apdo. Postal 70-472, Coyoacan, D.F. 04510, Mexico.

Fredriksson, J., Andreasson, J., & Laine, L (2004). "*Wheel force distribution for improved handling in a hybrid electric vehicle using nonlinear control*". In Proceedings of the 43rd IEEE conference on decision and control (pp. 4081–4086). Atlantis, USA, December.

Heisler, H. (2002). "*Advanced Vehicle Technology Second Edition*". Formerly Principal Lecturer and Head of Transport Studies, College of North West London, Willesden Centre, London, UK.

Hendratno, Bayu. (1996). "*Analisa Kestabilan Mobil Tenaga Surya Widya Wahana III ITS Dengan Menggunakan Tiga Roda"*, Jurusan Teknik Mesin FTI-ITS.

Hori, Y. (2004). "*Future vehicle driven by electricity and control research on four wheel motored 'UOT MarchII'"*. IEEE Transactions on Industrial Electronics, 51(5), 954–962.

I.N.Sutantra, Yusuf Kaelani (2000). *"Dinamic Characteristics of Multi Function Four Wheel Steering System",* FISITA World Automotive Congress, Seoul, Korea, June, 2000, F2000G344.

Isuzu Training Center, (2014). "*Sistem Kemudi & Wheel Alignment*". Buku materi untuk training. Jakarta-Indonesia.

Jonoadji, Ninuk & et.al (2008)."*Analisa Kinematika Gerakan Belok Akibat Pengaruh dynamic Center of Gravity (CoG) dan Panjang Wheelbase (L) Menentukan Sudut Side Slip dan Hubungannya terhadap Stabilitas Kendaraan*", Prosiding SNTMI 4, Universitas Tarumanagara Jakarta.

Krisnawan, I Gede Ngurah. (1988). "*Korelasi Sudut Streer Depan dan Belakang dengan Control Side Slip Angle Guna Meningkatkan Stabilitas Arah Kendaraan"*, Jurusan Teknik Mesin FTI-ITS.

Lakad, Sailesh. (2004). *"Modelling and Simulation of Steering System for Autonomous Vehicle",* Florida State College.

Lazic, Nenand. (2002). *"Optimal Vehicle Dinamics-Yaw Rate and Side Slip Angle Control Using 4 Wheel Steering"*, Dep. Of Automatic Control, Lund Institute of Technology.

Lee A. Y. (1995). *"Perfomance of Four Wheel SteeringVehicle In Line Change Maneuver"*, SAE 950316.

Li, G., Hong, W., & Liang, H. (2012). "*Four-wheel independently driven in-wheel motors electric vehicle AFS and DYC integrated control".* In SAE paper 2012-01-0258.

Mokhiamar, O., & Abe, M. (2005). "*Experimental verification using a driving simulator of the effect of simultaneous optimal distribution of tyre forces for active vehicle handling control".* Proceedings of the Institution of Mechanical Engineers, PartD: Journal of Automobile Engineering, 219(2), 135–149.

Nagai, M., Shino, M., & Gao, F. (2002). "*Study on integrated control of active front steer angle and direct yaw moment*". JSAE Review, 23(3), 309–315.

Nurdhiyanto, Irvan. (1992). "*Perencanaan Sistem Elektronika Sebagai Pengatur Gerakan System Kemudi Empat Roda*". Jurusan Teknik Mesin FTI-ITS.

P Brabec, M Maly, & R Vozenilek. (2004). "*Controls System of Vehicle model with 4WS*". International Scientific Meeting Motor Vehicles and Engine, Kragujevac.

P. Raksincharoensak, Hiroshi Mouri, Masao Nagai. (2002).*"Vehicle Lane Keeping Control by Four Wheel Steering System"*. Proceeding, 6th Int.Symp. on Advanced Vehicle Control (AVEC –2002), Hirosima, Japan, Sept. 9–13, 2002.

P. Raksincharoensak, Hiroshi Mouri, Masao Nagai. (2004). *"Evaluation of Four Wheel steering system from The viewpoint of lane-Keeping control"*. International-Journal of Automotive Technology Vol 5 No 2.

Pramanik. S. (2013). *"Kinematic Synthesis of a Trailing Six-member Mechanism for Automotive Steering".* Assistant Professor, College of Military ENGG PUNE, India.

Prucker, Alfred, Fischer, & Sven. (2000). *"Vehicle Dynamics Control for a 4WS Prototipe Car"*. 15th ADAM user Conference 2000.

Rajamani, R. (2006). *"Vehicle dynamics and control"*. New York: Springer-Verlag.

Sadewa, Arya Tjandra. (1999). "*Perancangan Sistem Elektronik Sebagai Unit kontrol stabilitas kendaraan dengan system kemudi empat roda (4WS)"*. Jurusan Teknik Mesin FTI-ITS.

Setiawan Ananto. (1990). *"Modifikasi Sistem Kemudi 4Roda Dahiatsu Charade CX-88"*. Tugas Akhir S-1, Jurusan Teknik Mesin ITS, Surabaya.

Shinya Nohtomi, Yoshihiro Shimada, Shinichiro Horiuchi, & Naohiro Yuhara. (1997).*"Multi Criteria Design of Adaptive Front and Rear Wheel Steering Control System with Special Emphasison Yaw Rate Response"*. Int. Pasific Conferenceon Automotive Engineering (IPC – 9), Bali,Indonesia, Nov. 16 – 21, 1997.

Siahaan, Ian Hardianto. "*Penentuan Region Skid-Non Skid (2WS) Type Model Kendaraan Rear Wheel Drive (RWD)"*. Prosiding SNTMI 4, Universitas Tarumanagara Jakarta.

Sjahmanto, Mohammad. (1999). "*Pengaruh Parameter Operasi Terhadap Sudut Ster Belakang System Kemudi Empat Roda (4WS) Pada Kecepatan Rendah*". Jurusan Teknik Mesin FTI ITS.

Sjahmanto, M. (2001). "*Pengaruh Parameter Deasin dan Parameter Operasi terhadap δr sistem 4-WS pada Kecepatan Rendah"*. Jurusan Teknik Mesin FTI-ITS.

Tahzir, Ahmad. (1999). "*Perangkat Lunak Analisa Stabilitas Kendaraan System Kemudi 4 Roda*". Jurusan Teknik Mesin FTI-ITS.

Tjønnås, J., & Johansen, T. A. (2010). "*Stabilization of automotive vehicles using active steering and adaptive brake control allocation*". IEEE Transactionson Control Systems Technology, 18(3), 545–558.

T.Kohata, M.Abe, N. Ukai. (1992). *"Electronic Control Four Wheel Steering System"*. Proceeding of AVEC-Yokohama, Japan, pp.264-269.

Wang, J. (2007). "*Coordinated and reconfigurable vehicle dynamics control".* Ph.D. dissertation. Austin, TX, USA: Department of Mechanical Engineering. The University of Texas at Austin.

Wang R, Hu Chuan, Wang Z, Yan F, & Chen N. (2015). *"Integrated optimal dynamics control of 4WD4WS electric ground vehicle with tire-road frictional coefficient estimation".* Mechanical Systems and Signal Processing 60-61 (2015) 727–741.

W. Diyono, Sutantra. (1994). *"Rancang Bangun SistemKemudi 4 Roda Electric–Mekanis (M-ITS-4WSII)"*. Laporan Proyek Penelitian, Jurusan Teknik Mesin ITS, Surabaya.

Yunarko. T. (1999). *"Pengaruh Parameter Disain Terhadap Kebutuhan Sudut Belok Roda Belakang pada Sistim Kemudi Empat Roda untuk Kecepatan Tinggi"*. Thesis S-2, Prog. Studi Teknik Mesin, ITS – Surabaya.